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#### **COVER NOTE**

From:	om: Secretary-General of the European Commission, signed by Ms Mar DEPREZ, Director		
date of receipt:	19 June 2025		
To:	Ms Thérèse BLANCHET, Secretary-General of the Council of the European Union		
No. Cion doc.:	C(2025) 3104 annex		
Subject:	ANNEXES to the COMMISSION DELEGATED REGULATION (EU) …/ amending the regulatory technical standards laid down in Delegated Regulations (EU) 2017/583 and (EU) 2017/587 as regards transparency requirements for trading venues and investment firms in respect of bonds, structured finance products, emission allowances, and equity instruments		

Delegations will find attached document C(2025) 3104 annex.

Encl.: C(2025) 3104 annex



EUROPEAN COMMISSION

> Brussels, 18.6.2025 C(2025) 3104 final

ANNEXES 1 to 5

## ANNEXES

to the

### COMMISSION DELEGATED REGULATION (EU) .../...

amending the regulatory technical standards laid down in Delegated Regulations (EU) 2017/583 and (EU) 2017/587 as regards transparency requirements for trading venues and investment firms in respect of bonds, structured finance products, emission allowances, and equity instruments

## ANNEX I

#### 'ANNEX I

# Types of system and the related information to be made public in accordance with Article 2

Type of system	Information to be made public
Continuous order book trading system	For each financial instrument, the aggregate number of orders and the volume they represent at each price level, for at least the five best bid and offer price levels.
Periodic auction trading system	For each financial instrument, the price at which the auction trading system would best satisfy its trading algorithm and the volume that would potentially be executable at that price by participants in that system.

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## ANNEX II

Annex II to Delegated Regulation (EU) 2017/583 is amended as follows:

(1) Table 2 is replaced by the following:

#### 'Table 2 List of details for the purpose of post-trade transparency

The field names (column headers) as published shall be identical to the field identifier provided in Table 2

#	Field identifier	Financial instruments	Description and details to be published	Type of execution or publication venue	Format to be populated as specified in Table 1
1	Trading date and time	For all financial instruments	Date and time when the transaction was executed. For transactions executed on a trading venue, the level of granularity shall be in accordance with the requirements set out in Article 12 of Commission Delegated Regulation (EU) 2025/XXX [ <i>PO: please</i> <i>insert reference to Commission Delegated</i> <i>Regulation supplementing Regulation (EU)</i> <i>No 600/2014 of the European Parliament</i> <i>and of the Council with regard to</i> <i>regulatory technical standards on input and</i> <i>output data of consolidated tapes, the</i> <i>revenue redistribution scheme, and</i> <i>synchronisation of business clocks, and</i> <i>repealing Delegated Regulation (EU)</i> 2017/574 - C(2025) 3102]. For transactions not executed on a trading	Regulated Market (RM) Multilateral Trading Facility (MTF), Organised Trading Facility (OTF) Approved Publication Arrangement (APA)	{DATE_TIME_ FORMAT}
			venue, the date and time shall be when the		

			parties agree the content of the following fields: quantity, price, currencies, as specified in fields 31, 34 and 44 of Table 2 of Annex I to Delegated Regulation (EU) 2017/590, instrument identification code, instrument classification and underlying instrument code, where applicable. For transactions not executed on a trading venue the time reported shall be granular to at least the nearest second.		
			Where the transaction results from an order transmitted by the executing firm on behalf of a client to a third party where the conditions for transmission set out in Article 4 of Delegated Regulation (EU) 2017/590 were not satisfied, this shall be the date and time of the transaction rather than the time of the order transmission.		
2	Instrument identification code	For all financial instruments	Code used to identify the financial instrument	RM, MTF, OTF, APA	{ISIN}
3	Price	For all financial instruments	Traded price of the transaction excluding, where applicable, commission and accrued interest. The traded price shall be reported in accordance with standard market convention. The value provided in this field shall be consistent with the value provided in the field "Price Notation". Where price is currently not available but pending ("PNDG") or not applicable	RM, MTF, OTF, APA	<pre>{DECIMAL- 18/13} in case the price is expressed as monetary value {DECIMAL- 11/10} in case the price is expressed as percentage or yield {DECIMAL- 18/17} in case the price is expressed as</pre>

			("NOAP"), this field shall not be populated.		basis points
4	Missing Price	For all financial instruments	Where price is currently not available but pending, the value shall be "PNDG". Where price is not applicable the value shall be "NOAP".	RM, MTF, OTF, APA	"PNDG" in case the price is not available "NOAP" in case the price is not applicable
5	Price currency	For all financial instruments	Major currency in which the price is expressed (applicable if the price is expressed as monetary value).	RM, MTF, OTF, APA	{CURRENCY CODE_3}
6	Price notation	For all financial instruments	<ul> <li>Indication as to whether the price is expressed in monetary value, in percentage, in basis points or in yield</li> <li>The price notation shall be reported in accordance with standard market convention.</li> <li>For credit default swaps, this field shall be populated with "BAPO".</li> <li>For bonds (other than ETNs and ETCs) this field shall be populated with percentage (PERC) of the notional amount. Where a price in percentage is not the standard market convention, it shall be populated with YIEL, BAPO or MONE, in accordance with the standard market convention.</li> <li>The value provided in this field shall be consistent with the value provided in the field "Price".</li> <li>Where the price is reported in monetary terms, it shall be provided in the major currency unit.</li> </ul>	RM, MTF, OTF, APA	"MONE" —Monetary value "PERC" —Percentage "YIEL" — Yield "BAPO" — Basis points

			Where the price is currently not available but pending ("PNDG") or not applicable ("NOAP"), this field shall not be populated.		
7	Quantity	For all financial instruments except in the cases described under Article 11(1), points (a) and (b) of this Regulation.	For financial instruments traded in units, the number of units of the financial instrument. Empty otherwise.	RM, MTF, OTF, APA	{DECIMAL- 18/17}
8	Quantity in measurement unit	For contracts designated in units in commodity derivatives, C10 derivatives, emission allowance derivatives and emission allowances except in the cases described under Article 11(1), points (a) and (b), of this Regulation.	The equivalent amount of commodity or emission allowance traded expressed in measurement unit.	RM, MTF, OTF, APA	{DECIMAL- 18/17}
9	Notation of the quantity in measurement unit	For contracts designated in units in commodity derivatives, C10 derivatives, emission allowance derivatives and emission allowances except in the cases described under Article 11(1), points (a) and (b), of this Regulation	Indication of the notation in which the quantity in measurement unit is expressed.	RM, MTF, OTF, APA	<ul> <li>"TOCD" —tonnes of carbon dioxide equivalent, for any contract related to emission allowances</li> <li>"TONE" — metric tonnes</li> <li>"MWHO" —megawatt hours</li> <li>"MBTU" — one million British thermal units</li> <li>"THMS" Therms</li> <li>"DAYS" — days or</li> <li>{ALPHANUM-4}</li> <li>otherwise</li> </ul>

10	Notional amount	For all financial instruments except in the cases described under Article 11(1), points (a) and (b), of this Regulation.	<ul> <li>This field shall be populated: <ul> <li>(i) for bonds (excluding ETCs and ETNs), with the face value, which is the amount repaid at redemption to the investor;</li> <li>(ii) for ETCs and ETNs and securitised derivatives, with the number of instruments exchanged between the buyers and sellers multiplied by the price of the instrument exchanged for that specific transaction. Equivalently, with the price field multiplied by the quantity field;</li> <li>(iii) for structured finance products (SFPs), with the nominal value per unit multiplied by the number of instruments at the time of the transaction;</li> <li>(iv) for credit default swaps, with the notional amount for which the protection is acquired or disposed of;</li> <li>(v) for options, swaptions, swaps other than those in (iv), futures and forwards, with the notional amount of the contract;</li> <li>(vi) for emission allowances, with the resulting amount of the quantity at the relevant price set in the contract at the time of the transaction. Equivalently, with the price field multiplied by the</li> </ul> </li> </ul>	RM, MTF, OTF, APA	{DECIMAL-18/5}

			<ul> <li>quantity in measurement unit field;</li> <li>(vii) for spread bets, with the monetary value wagered per point movement in the underlying financial instrument at the time of the transaction;</li> <li>(viii) for contracts for difference, with the number of instruments exchanged between the buyers and sellers multiplied by the price of the instrument exchanged for that specific transaction. Equivalently, with the price field multiplied by the quantity field.</li> </ul>		
11	Notional currency	For all financial instruments except in the cases described under Article 11(1), points (a) and (b), of this Regulation.	Major currency in which the notional amount is denominated. In the case of an FX derivative contract or a multi-currency swap or a swaption where the underlying swap is multi-currency or a currency CFD or spread-betting contract, this will be the notional currency of leg 1.	RM, MTF, OTF, APA	{CURRENCY CODE_3}
12	[deleted]				
13	Venue of execution	For all financial instruments	Identification of the venue where the transaction was executed. Use the ISO 10383 segment MIC for trans- actions executed on an EU trading venue. Where the segment MIC does not exist, use the operating MIC. Use "SINT" for financial instruments admitted to trading or traded on a trading	RM, MTF, OTF, APA	{MIC} – EU trading venues or "SINT" — systematic internaliser "XOFF" — otherwise

			venue, where the transaction on that financial instrument is executed on a Systematic Internaliser.		
			Use MIC code "XOFF" for financial instruments admitted to trading or traded on a trading venue, where the transaction on that financial instrument is neither executed on an EU trading venue nor executed by a systematic internaliser. If the transaction is executed on an organised trading platform outside of the EU then in addition to "XOFF" also the population of the field "Third-country trading venue of execution" is required.		
	Third-country trading venue of execution	ountry venue ution	Identification of the third-country trading venue where the transaction was executed.		
14			Use the ISO 10383 segment MIC. Where the segment MIC does not exist, use the operating MIC.	APA	{MIC}
			Where the transaction is not executed on a third- country trading venue, the field shall not be populated.		
			Date and time when the transaction was published by a trading venue or APA.		
15	Publication Date and Time	For all financial instruments	For transactions executed on a trading venue, the level of granularity shall be in accordance with the requirements set out in Article 12 of Delegated Regulation (EU) 2025/XXX [PO: please insert reference to Commission Delegated Regulation supplementing Regulation (EU) No	RM, MTF, OTF, APA	{DATE_TIME_FORMAT}

			<ul> <li>600/2014 of the European Parliament and of the Council with regard to regulatory technical standards on input and output data of consolidated tapes, the revenue redistribution scheme, and synchronisation of business clocks, and repealing Delegated Regulation (EU) 2017/574 - <i>C(2025) 3102</i>].</li> <li>For transactions not executed on a trading venue, the time reported shall be granular to at least the nearest second.</li> </ul>		
16	Venue of publication	For all financial instruments	Code used to identify the trading venue and APA publishing the transaction.	RM, MTF, OTF, APA	{MIC}
17	Transaction Identification Code	For all financial instruments	Alphanumerical code assigned by trading venues (pursuant to Article 12 of Commission Delegated Regulation (EU) 2017/580 <sup>1</sup> ) and APAs and used in any subsequent reference to the specific trade.	RM, MTF, OTF, APA	{ALPHA NUMERICAL-52}
18	Transaction to be cleared	For derivatives	Code to identify whether the transaction will be cleared.	RM, MTF, OTF, APA	"TRUE" — trans action to be cleared "FALSE" — trans action not to be cleared
19	Flags	For all financial instruments	One or multiple fields should be populated with the applicable flags as described in Table 3 of Annex II. Where none of the specified circumstances apply, the transaction should be published without a flag.	RM, MTF, OTF, APA	As specified in Table 3 of Annex II

<sup>&</sup>lt;sup>1</sup> Commission Delegated Regulation (EU) 2017/580 of 24 June 2016 supplementing Regulation (EU) No 600/2014 of the European Parliament and of the Council with regard to regulatory technical standards for the maintenance of relevant data relating to orders in financial instruments (OJ L 87, 31.3.2017, p. 193–211, ELI: http://data.europa.eu/eli/reg\_del/2017/580/oj)

			Where a combination of flags is possible and reported in one field, the flags should be reported separated by commas.		
					'CLOB' central limit order book trading system.
	Trading       For all financial instruments			'QDTS' quote driven trading systems, meaning a system where transactions are concluded on the basis of firm quotes that are continuously made available to participants, which requires the market makers to maintain quotes in a size that balances the needs of members and participants to deal in a commercial size and the risk to which the market maker exposes itself.	
			Type of trading system on which the transaction was executed	RM, MTF, OTF	'PATS' periodic auction trading systems.
20		For all financial instruments	transaction was executed. When the field 'Venue of execution' is populated with "SINT" or "XOFF", this field shall not be populated.		'RFQT' request for quote trading systems, meaning a trading system where a quote or quotes are provided in response to a request for a quote submitted by one or more other members or participants. The quote is executable exclusively by the requesting member or market participant. The requesting member or participant may conclude a transaction by accepting the quote or quotes provided to it on request.
					'VOIC' – voice trading system, meaning a trading system where transactions between members are arranged through voice negotiation.
					'HYBR' – hybrid trading system meaning a system falling into two or more of the types

					of trading systems referred to above.
					'OTHR' – any other trading system, meaning any other type of trading system not covered above.
21	Number of transactions	For sovereign debt instruments	This field should be populated with the number of transactions executed when deferred publication of details of several tpransactions in an aggregated form is required under Article 11(3)(b) of Regulation (EU) No 600/2014.	RM, MTF, OTF, APA	{DECIMAL-18/17}.

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(2) Table 3 is replaced by the following:

'Table 3 List of flags for the purpose of post-trade transparency

POST-TRADE DEFERRAL FLAGS FOR DERIVATIVES								
Flag	Name	Type of execution or publication venue	n Description					
'LRGS'	Post-trade LIS transaction flag	RM, MTF, OTF, APA	Transactions executed under the post-trade large in scale deferral					
'ILQD'	Illiquid instrument transaction flag	RM, MTF, OTF, APA	Transactions executed under the deferral for instruments for which there is not a liquid market					
'SIZE'	Post-trade SSTI transaction flag	RM, MTF, OTF, APA	Transactions executed under the post-trade size specific to the instrument deferral					

## POST-TRADE DEFERRAL FLAGS FOR BONDS (EXCEPT ETCs AND ETNs)

Flag	Name	Type of execution or publication venue	Description
MLF1	Medium Liquid Flag	RM, MTF, OTF, APA	Transactions in bonds benefiting from a deferral applicable to transactions of a medium size in a financial instrument for which there is a liquid market in accordance with Article $8a(1)(a)$ of this Regulation.
MIF2	Medium Illiquid Flag	RM, MTF, OTF, APA	Transactions in bonds benefiting from a deferral applicable to transactions of a medium size in a financial instrument for which there is not a liquid market in accordance with Article $8a(1)(b)$ of this Regulation.
LLF3	Large Liquid Flag	RM, MTF, OTF, APA	Transactions in bonds benefiting from a deferral applicable to transactions of a large size in a financial instrument for which there is a liquid market in accordance with Article $8a(1)(c)$ of this Regulation.
LIF4	Large Illiquid Flag	RM, MTF, OTF, APA	Transactions in bonds benefiting from a deferral applicable to transactions of a large size in a financial instrument for which there is not a liquid market in accordance with Article 8a(1)(d) of this Regulation.
VLF5	Very Large Liquid Flag	RM, MTF, OTF, APA	Transactions in bonds benefiting from a deferral applicable to transactions of a very large size in a financial instrument for which there is a liquid market in accordance with Article 8a(1)(e) of this Regulation.
VIF5	Very Large Illiquid Flag	RM, MTF, OTF, APA	Transactions in bonds benefiting from a deferral applicable to transactions of a very large size in a financial instrument for which there is not a liquid market in accordance with Article $8a(1)(e)$ of this Regulation.

POST-TRADE DEFERRAL FLAGS FOR ETCs, ETNs, SFPs AND EMISSION ALLOWANCES							
Flag	Name	Type of execution or publication venue	Description				
DEFF	Deferral for ETCs, ETNs, SFPs and emission allowances	RM, MTF, OTF, APA	Transactions in ETCs, ETNs, SFPs and emission allowances, which benefit from a deferral as specified under Article 8a(2) and (3) of this Regulation.				

SUPPLEMENT	SUPPLEMENTARY DEFERRAL FLAGS FOR DERIVATIVES									
Article 11(1) point (a)(i)	, 'LMTF'	Limited details flag	RM, MTF, OTF, APA	First report with publication of limited details in accordance with Article 11(1), point (a)(i).						
	'FULF'	Full details flag	RM, MTF, OTF, APA	Transaction for which limited details have been previously published in accordance with Article 11(1), point (a)(i).						
Article 11(1) point (a)(ii)	'DATF'	Daily aggregated transaction flag	d RM, MTF, Publication of daily aggregated transaction in accordance with Article 11(1), OTF, APA (a)(ii).							
	'FULA'	Full details flag	RM, MTF, OTF, APA	Individual transactions for which aggregated details have been previously published in accordance with Article 11(1), point (a)(ii).						
Article 11(1) point (b)	, 'VOLO'	Volume omission flag	RM, MTF, OTF, APA	Transaction for which limited details are published in accordance with Article 11(1), point (b).						
	'FULV'	Full details flag	RM, MTF, OTF, APA	Transaction for which limited details have been previously published in accordance with Article 11(1), point (b).						
Article 11(1) point (c)	'FWAF'	Four weeks aggregation flag	RM, MTF, OTF, APA	F, Publication of aggregated transactions in accordance with Article 11(1), point (c).						
	'FULJ'	Full details flag	RM, MTF, OTF, APA	Individual transactions which have previously benefited from aggregated publication in accordance with Article 11(1), point (c).						

SUPPLEMENTARY DEFERRAL FLAGS FOR SOVEREIGN BONDS							
Article 11(3)(a)	'OMIS' Volume omission RM, flag OTF, A		RM, MTF, OTF, APA	Transaction for which limited details are published in accordance with Article 11(3), point (a) of Regulation (EU) No 600/2014.			
	'FULO'	Full details flag	RM, MTF,	Transaction for which limited details have been previously published in accordance with Article			

			OTF, APA	11(3), point (a) of Regulation (EU) No 600/2014.
Article 11(3)(b)	'AGFW'	Four weeks aggregation flag	RM, MTF, OTF, APA	Publication of aggregated transactions in accordance with Article 11(3), point (b) of Regulation (EU) No 600/2014.
	'FULG'	Full details flag	RM, MTF, OTF, APA	Individual transactions which have previously benefited from aggregated publication in accordance with Article 11(3), point (b) of Regulation (EU) No 600/2014.

OTHER I	OTHER FLAGS								
Flag	Name	Type o publ	Type of execution or publication venue		Description				
'BENC'	Benchmark transaction flag	RM, APA	MTF,	OTF,	Transactions executed in reference to a price that is calculated over multiple time instances according to a given benchmark, such as volume-weighted average price or time-weighted average price.				
'NPFT'	Non-price forming transaction flag	RM, APA	MTF,	OTF,	Non-price forming transactions as set out in Article 2(5) of Delegated Regulation (EU) 2017/590.				
'TPAC'	"Package transaction RM, MTF flag APA		MTF,	OTF,	Package transactions, which are not exchange for physicals, as defined in Article 2(1)(50), point (b) of Regulation (EU) 600/2014.				
'XFPH'	Exchange for physicals transaction flag	RM, APA	MTF,	OTF,	Exchange for physicals as defined in Article 2(1), point (48), of Regulation (EU) No 600/2014.				
'CANC'	Cancellation flag	RM, APA	MTF,	OTF,	When a previously published transaction is cancelled.				
'AMND'	Amendment flag	RM, APA	MTF,	OTF,	When a previously published transaction is amended.				

'PORT'	Portfolio trade flag RM, MTF, OTF APA		Transaction in five or more different financial instruments where those transactions are traded at the same time by the same client and against a single lot price and that is not a 'package transaction' as defined in Article 2(1), point (50), of Regulation (EU) No 600/2014.	
'MTCH'	Matched principal OTF trading flag		Matched principal transactions as set out in Article 4(1)(38) of Directive 2014/65/EU of the Eu Parliament and of the Council of 15 May 2014 on markets in financial instruments.	
'NEGO'	Negotiated transaction flag	RM, MTF, OTF	Transactions which are negotiated privately but reported under the rules of a trading venue.	

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## ANNEX III

#### Annex III to Delegated Regulation (EU) 2017/583 is amended as follows:

(1) Section 1 "Instructions for the purpose of this annex", Section 2 "Bonds", and Section 3 "Structured Finance Products (SFPs)" are replaced by the following:

#### **'1. Instructions for the purpose of this annex**

- 1. The reference to outstanding bond issuance size in Table 2.2 refers to the total value of bonds that have been issued and are currently held by investors.
- 2. A reference to an 'asset class' means a reference to the following classes of financial instruments: bonds, structured finance products, securitised derivatives, interest rate derivatives, equity derivatives, commodity derivatives, foreign exchange derivatives, credit derivatives, CFDs, emission allowances and emission allowance derivatives.
- 3. A reference to a 'sub-asset class' means a reference to an asset class segmented to a more granular level on the basis of the contract type and/or the type of underlying.
- 4. A reference to a 'sub-class' means a reference to a sub-asset class segmented to a more granular level on basis of further qualitative segmentation criteria as set out in Tables 2.2 to 13.3 of this Annex.
- 5. 'Average daily notional amount (ADNA)' means the total notional amount for a particular financial instrument determined according to the volume measure set out in Table 4 of Annex II and executed in the period set out in Article 13(7), divided by the number of trading days in that period or, where applicable, that part of the year during which the financial instrument was admitted to trading or traded on a trading venue and was not suspended from trading.
- 6. 'Average daily number of trades' means the total number of transactions executed for a particular financial instrument in the period set out in Article 13(7), divided by the number of trading days in that period or, where applicable, that part of the year during which the financial instrument was admitted to trading or traded on a trading venue and was not suspended from trading.
- 7. 'Future' means a contract to buy or sell a commodity or financial instrument at a designated future date at a price agreed upon at the initiation of the contract by the buyer and seller. Every futures contract has standard terms that dictate the minimum quantity and quality that can be bought or sold, the smallest amount by which the price may change, delivery procedures, maturity date and other characteristics related to the contract.
- 8. 'Option' means a contract that gives the owner the right, but not the obligation, to buy (call) or sell (put) a specific financial instrument or commodity at a predetermined price, strike or exercise price, at or up to a certain future date or exercise date.

- 9. 'Swap' means a contract in which two parties agree to exchange cash flows in one financial instrument for those of another financial instrument at a certain future date.
- 10. 'Portfolio Swap' means a contract by which end-users can trade multiple swaps.
- 11. 'Forward' or 'Forward agreement' means a private agreement between two parties to buy or sell a commodity or financial instrument at a designated future date at a price agreed upon at the initiation of the contract by the buyer and seller.
- 12. 'Swaption' or 'Option on a swap' means a contract that gives the owner the right, but not the obligation, to enter a swap at or up to a certain future date or exercise date.
- 13. 'Future on a swap' means a future contract that gives the owner the obligation, to enter a swap at or up to a certain future date.
- 14. 'Forward on a swap' means a forward contract that gives the owner the obligation, to enter a swap at or up to a certain future date.'.

#### 2. Bonds

## Table 2.2Bonds (all bond types except ETCs and ETNs) — classes not having a liquid market

Each individual bond shall be determined not to have a liquid market as per Article 6a if it is characterised by a specific combination of bond characteristics as specified in each row of the tables below.

#### Sovereign and Other Public Bonds

Group ID	MiFIR ID	Bond Type	Issuer or Issuer country	Remaining maturity	Type of coupon	Outstanding issuance size
	RTS2#3	RTS2#9	The country of the issuer reported under Delegated Regulation 2017/585 ('RTS23') field "Issuer or operator of the trading venue	The time remaining until the maturity date reported under RTS23 field "Maturity date"	The third letter of the CFI code reported under RTS23 field "Instrument classification"	RTS23 field "Total issued nominal amount" converted to EUR

			identifier"			
G1	BOND	EUSB EUSB means a bond which is neither a convertible nor a covered bond and is issued by a sovereign issuer: (a) the Union; (b) a Member State including a government department, an agency or a special purpose vehicle of a Member State; (c) in the case of a federal Member State, a member of the federation; (d) a special purpose vehicle for several Member States; (e) an international financial institution established by two or more Member States which have the purpose of mobilising funding and providing financial assistance to the benefit of its members that are experiencing or are threatened by severe financial problems; (f) the European Investment Bank; (g) a sovereign entity of a third country.	The issuer country is a Member State, the United States of America or the United Kingdom; OR The issuer is the Union.	Up to and including 10 years	F (fixed coupon)	Less than 5 000 000 000 EUR
G2	BOND	EUSB or OEPB OEPB means a bond which is neither a convertible nor a covered bond and is issued by a public entity which is not a sovereign issuer.	А	ny instrument not in	G1	Less than 1 000 000 000 EUR

## Corporate, Convertible and Other Bonds

Group ID	MiFIR ID	Bond Type	Currency	Credit Rating	Outstanding issuance size
	RTS2#3	RTS2#9	The currency of the instrument reported under RTS23 field "Notional Currency		RTS23 field "Total issued nominal amount" converted to EUR

			1"		
		CRPB, CVTB or OTHR			
G3	BOND	CRPB means a bond which is neither a convertible nor a covered bond and that is issued by a Societas Europaea established in accordance with Council Regulation (EC) No 2157/2001 <sup>2</sup> or a type of company listed in Annex I or Annex II of Directive 2013/34/EU of the European Parliament and of the Council <sup>3</sup> or equivalent in third countries.	EUR, GBP, USD	Investment Grade	Less than 500 000 000 EUR
		CVTB means an instrument consisting of a bond or a securitised debt instrument with an embedded derivative, such as an option to buy the underlying equity.			
G4	BOND	CRPB, CVTB or OTHR	Any instrument	not in G3	Less than 500 000 000 EUR

#### **Covered bonds**

Group ID	MiFIR ID	Bond Type	Outstanding issuance size
	RTS2#3	RTS2#9	RTS23 field "Total issued nominal amount" converted to EUR
G5	BOND	CVDB	Less than 500 000 000 EUR

<sup>&</sup>lt;sup>2</sup> Council Regulation (EC) No 2157/2001 of 8 October 2001 on the Statute for a European company (SE) (OJ L 294, 10.11.2001, p. 1, ELI: http://data.europa.eu/eli/reg/2001/2157/oj).

<sup>&</sup>lt;sup>3</sup> Directive 2013/34/EU of the European Parliament and of the Council of 26 June 2013 on the annual financial statements, consolidated financial statements and related reports of certain types of undertakings, amending Directive 2006/43/EC of the European Parliament and of the Council and repealing Council Directives 78/660/EEC and 83/349/EEC (OJ L 182, 29.6.2013, p. 19, ELI: http://data.europa.eu/eli/dir/2013/34/oj).

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Table 2.3Bonds (all bond types except ETCs and ETNs) — pre-trade LIS thresholds

Asset class — Bonds (all bond types except ETCs and ETNs)			
Bond type	Pre-trade LIS		
Sovereign Bond and Other Public Bond	EUR 5 000 000		
Corporate Bond, Convertible Bond and Other Bond	EUR 1 000 000		
Covered Bond	EUR 5 000 000		

Table 2.4
Bonds (ETC and ETN bond types) — classes not having a liquid market

Asset class — Bonds (ETC and ETN bond type)				
For the purpose of determining the classes of financial instruments considered not to have a liquid market as per Article 6a the following methodology shall apply:				
Exchange Traded Commodities (ETCs) - RTS2#3 = ETCS: a debt instrument issued against a direct investment by the issuer in commodities or commodities derivative contracts. The price of an ETC is directly or indirectly linked to the performance of the underlying. An ETC passively tracks the performance of the commodity indices to which it refers.	All ETCs are considered not to have a liquid market			
Exchange Traded Notes (ETNs) - RTS2#3 = ETNS: a debt instrument issued against a direct investment by the issuer in the underlying or underlying	All ETNs are considered not to have a liquid market			

derivative contracts. The price of an ETN is directly or indirectly linked to the	
performance of the underlying. An ETN passively tracks the performance of the	
underlying to which it refers.	

Table 2.5Bonds (ETC and ETN bond types) — pre-trade LIS threshold

Asset class — Bonds (ETC and ETN bond type)			
Bond type	Pre-trade LIS		
ETCs	EUR 1 000 000		
ETNs	EUR 1 000 000		

Table 2.6Bonds (all bond types except ETCs and ETNs) – deferral regime

Asset class — Bonds (all bond types except ETCs and ETNs)			
Bond type	Category	Liquidity	Size (Above or equal to)
	1	Considered to have a liquid market	EUR 15 000 000
	2	Considered not to have a liquid market	EUR 5 000 000
Sovereign Bond in G1 as per Table 2.2	3	Considered to have a liquid market	EUR 50 000 000
	4	Considered not to have a liquid market	EUR 15 000 000
	5	Considered to have a liquid market	EUR 100 000 000

	5	Considered not to have a liquid market	EUR 50 000 000
	1	Considered to have a liquid market	EUR 10 000 000
	2	Considered not to have a liquid market	EUR 1 000 000
Sovereign Bond and Other Public Bond in G2 as per	3	Considered to have a liquid market	EUR 20 000 000
Table 2.2	4	Considered not to have a liquid market	EUR 2 000 000
	5	Considered to have a liquid market	EUR 50 000 000
	5	Considered not to have a liquid market	EUR 5 000 000
	1	Considered to have a liquid market	EUR 1 500 000
	2	Considered not to have a liquid market	EUR 500 000
Corporate Bond, Convertible Bond and Other Bond	3	Considered to have a liquid market	EUR 7 500 000
in G3 as per Table 2.2	4	Considered not to have a liquid market	EUR 2 000 000
	5	Considered to have a liquid market	EUR 15 000 000
	5	Considered not to have a liquid market	EUR 5 000 000
	1	Considered to have a liquid market	EUR 1 000 000
	2	Considered not to have a liquid market	EUR 500 000
Corporate Bond, Convertible Bond and Other Bond	3	Considered to have a liquid market	EUR 5 000 000
in G4 as per Table 2.2	4	Considered not to have a liquid market	EUR 2 000 000

	5	Considered to have a liquid market	EUR 10 000 000
	5	Considered not to have a liquid market	EUR 5 000 000
	1	Considered to have a liquid market	EUR 5 000 000
	2	Considered not to have a liquid market	EUR 1 000 000
Covered Bonds in G5 as per Table 2.2	3	Considered to have a liquid market	EUR 20 000 000
	4	Considered not to have a liquid market	EUR 5 000 000
	5	Considered to have a liquid market	EUR 50 000 000
	5	Considered not to have a liquid market	EUR 10 000 000

#### **3. Structured Finance Products (SFPs)**

Table 3.1SFPs — classes not having a liquid market

Asset class — Structured Finance Products (SFPs)

SFPs asset-class assessment for the purpose of the determination of the financial instruments considered not to have a liquid market as per Article 6a - RTS2#3 = SFPS.

All SFPs are considered not to have a liquid market

Table 3.2SFPs – pre-trade LIS threshold

Asset class — Structured Finance Products (SFPs)		
Pre-trade LIS		
EUR 250 000		

(2) in Section 4 "Securitised derivatives", Table 4.2 "Securitised derivatives — pre-trade and post-trade SSTI and LIS thresholds", is replaced by the following:

<sup>c</sup>Table 4.2 Securitised derivatives – pre- and post-trade SSTI and LIS thresholds

Asset class - Securitised Derivatives				
Pre-trade and post-trade SSTI and LIS thresholds				
LIS pre-trade SSTI post-trade LIS post-trade				
Threshold value	Threshold value	Threshold value		
EUR 60,000	EUR 90,000	EUR 100,000		

- '. ;
- (3) in Section 5 "Interest Rate Derivatives", Table 5.2 "Interest rate derivatives pre-trade and post-trade SSTI and LIS thresholds for subclasses determined to have a liquid market" and Table 5.3 "Interest rate derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market" are replaced by the following:

#### 'Table 5.2 Interest rate derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market

		Asse	t class - Inter	est Rate Deri	vatives					
Sub-asset class	Percentiles and threshold floors to be applied for the calculation of the pre-trade and post-trade SSTI and LIS thresholds for each sub- class determined to have a liquid market									
	Transactions to be	LIS pr	e-trade	SSTI post-trade			LIS post-trade			
	calculations of the thresholds	Trade - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor	
Bond futures/forwards	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 20,000,000	90	70	EUR 25,000,000	
Bond options	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 20,000,000	90	70	EUR 25,000,000	
IR futures and FRA	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions	70	EUR 10,000,000	80	60	EUR 20,000,000	90	70	EUR 25,000,000	

	executed on financial instruments belonging to the sub-class								
IR options	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 10,000,000	80	60	EUR 20,000,000	90	70	EUR 25,000,000
Swaptions	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000
Fixed-to-Float 'multi currency swaps' or 'cross- currency swaps' and futures/forwards on Fixed-to-Float 'multi currency swaps' or 'cross- currency swaps'	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000
Float-to-Float 'multi currency swaps' or 'cross- currency swaps'	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000

and futures/forwards on Float-to-Float 'multi currency swaps' or 'cross- currency swaps'	executed on financial instruments belonging to the sub-class								
Fixed-to-Fixed 'multi currency swaps' or 'cross- currency swaps' and futures/forwards on Fixed-to- Fixed 'multi currency swaps' or 'cross- currency swaps'	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000
Overnight Index Swap (OIS) 'multi currency swaps' or 'cross- currency swaps' and futures/forwards on Overnight Index Swap (OIS) 'multi currency swaps' or 'cross- currency swaps'	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000
Inflation 'multi currency swaps'	calculation of thresholds should be performed for each	70	EUR	80	60	EUR	90	70	EUR

or 'cross- currency swaps' and futures/forwards on Inflation 'multi currency swaps' or 'cross- currency swaps'	sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class		5,000,000			9,000,000			10,000,000
Fixed-to-Float 'single currency swaps' and futures/forwards on Fixed-to-Float 'single currency swaps'	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000
Float-to-Float 'single currency swaps' and futures/forwards on Float-to-Float 'single currency swaps'	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000
Fixed-to-Fixed 'single currency swaps' and futures/forwards on Fixed-to- Fixed 'single currency swaps'	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000
Overnight Index Swap (OIS)	calculation of thresholds should be performed for each	70	EUR	80	60	EUR	90	70	EUR

'single currency swaps' and futures/forwards on Overnight Index Swap (OIS) 'single	sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class		5,000,000			9,000,000			10,000,000
currency swaps'									
Inflation 'single currency swaps' and futures/forwards on Inflation 'single currency swaps'	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 9,000,000	90	70	EUR 10,000,000

Table 5.3

Interest rate derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market

Asset class - Interest Rate Derivatives									
Sub-asset class	Pre-trade and post-trade SSTI a	nd LIS thresholds for each sub-cl liquid market	lass determined not to have a						
	LIS pre-trade	SSTI post-trade	LIS post-trade						
	Threshold value	Threshold value	Threshold value						
Bond futures/forwards	EUR 5,000,000	EUR 20,000,000	EUR 25,000,000						
Bond options	EUR 5,000,000	EUR 20,000,000	EUR 25,000,000						

IR futures and FRA	EUR 10,000,000	EUR 20,000,000	EUR 25,000,000
IR options	EUR 10,000,000	EUR 20,000,000	EUR 25,000,000
Swaptions	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Fixed-to-Float 'multi currency swaps' or 'cross- currency swaps' and futures/forwards on Fixed-to- Float 'multi currency swaps' or 'cross-currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Float-to-Float 'multi currency swaps' or 'cross- currency swaps' and futures/forwards on Float-to- Float 'multi currency swaps' or 'cross-currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Fixed-to-Fixed 'multi currency swaps' or 'cross- currency swaps' and futures/forwards on Fixed-to- Fixed 'multi currency swaps' or 'cross-currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Overnight Index Swap (OIS) 'multi currency swaps' or 'cross-currency swaps' and futures/forwards on Overnight Index Swap (OIS) 'multi currency swaps' or 'cross-currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Inflation 'multi currency swaps' or 'cross-currency swaps' and futures/forwards on Inflation 'multi currency swaps' or 'cross-currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Fixed-to-Float 'single currency swaps' and futures/forwards on Fixed-to-Float 'single currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000

Float-to-Float 'single currency swaps' and futures/forwards on Float-to-Float 'single currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Fixed-to-Fixed 'single currency swaps' and futures/forwards on Fixed-to-Fixed 'single currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Overnight Index Swap (OIS) 'single currency swaps' and futures/forwards on Overnight Index Swap (OIS) 'single currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Inflation 'single currency swaps' and futures/forwards on Inflation 'single currency swaps'	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000
Other Interest Rate Derivatives	EUR 5,000,000	EUR 9,000,000	EUR 10,000,000

(4) in Section 6 "Equity derivatives", Table 6.2 "Equity derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market" and Table 6.3 "Equity derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market" are replaced by the following:

'Table 6.2

Equity derivatives - pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market

	Asset class - Equity Derivatives								
Sub-asset class	For the purpose of the determination of the pre-trade and post-trade SSTI and LIS thresholds each sub-asset class shall be further segmented into sub-classes as defined below	Transactions to be considered for the	Pre-trade and post-trade SSTI and LIS threshold values determined for the sub-classes determined to have a liquid market on the basis of the average daily notional amount (ADNA) band to						

'.

		calculations of the	which the sub-class belongs			
		tillesitolus	Average daily	LIS pre- trade	SSTI post- trade	LIS post- trade
			amount (ADNA)	Threshold value	Threshold value	Threshold value
Stock index options	a stock index option sub-class is defined by the following segmentation criteria: Segmentation criterion 1 - underlying stock index	calculation of	< EUR 100m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,500,000
		should be performed for each sub- class considering the	EUR 100m <= ADNA < EUR 200m	EUR 3,000,000	EUR 25,000,000	EUR 30,000,000
		transactions executed on financial instruments belonging to the sub-class	EUR 200m <= ADNA < EUR 600m	EUR 5,500,000	EUR 50,000,000	EUR 55,000,000
			ADNA >= EUR 600m	EUR 20,000,000	EUR 150,000,000	EUR 160,000,00 0
Stock	a stock index future/forward sub-class is defined by the following segmentation	calculation of	< EUR	EUR	EUR	EUR

index futures/ forwards	criteria: Segmentation criterion 1 - underlying stock index	thresholds should be performed for each sub- class	100m ADNA	25,000	1,000,000	1,500,000
		class considering the transactions executed on financial	EUR 100m <= ADNA < EUR 1bn	EUR 550,000	EUR 5,000,000	EUR 5,500,000
		belonging to the sub-class	EUR 1bn <= ADNA < EUR 3bn	EUR 5,500,000	EUR 50,000,000	EUR 55,000,000
			EUR 3bn <= ADNA < EUR 5bn	EUR 20,000,000	EUR 150,000,000	EUR 160,000,00 0
			ADNA >= EUR 5bn	EUR 30,000,000	EUR 250,000,000	EUR 260,000,00 0
Stock options	a stock option sub-class is defined by the following segmentation criteria: Segmentation criterion 1 - underlying share		< EUR 5m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,250,000
			EUR 5m	EUR	EUR	EUR

		considering the transactions executed on financial	<= ADNA < EUR 10m	300,000	1,250,000	1,500,000
		instruments belonging to the sub-class	EUR 10m <= ADNA < EUR 20m	EUR 550,000	EUR 2,500,000	EUR 3,000,000
			ADNA >= EUR 20m	EUR 1,500,000	EUR 5,000,000	EUR 5,500,000
	<ul><li>a stock future/forward sub-class is defined by the following segmentation criteria:</li><li>Segmentation criterion 1 - underlying share</li></ul>	calculation of thresholds should be	< EUR 5m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,250,000
Stock futures/ forwards		for each sub- class considering the transactions executed on	EUR 5m <= ADNA < EUR 10m	EUR 300,000	EUR 1,250,000	EUR 1,500,000
		financial instruments belonging to the sub-class	EUR 10m <= ADNA < EUR 20m	EUR 550,000	EUR 2,500,000	EUR 3,000,000
			ADNA >= EUR 20m	EUR 1,500,000	EUR 5,000,000	EUR 5,500,000
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	<ul> <li>a stock dividend option sub-class is defined by the following segmentation criteria:</li> <li>Segmentation criterion 1 - underlying share entitling to dividends</li> </ul>	calculation of	< EUR 5m ADNA	EUR 25,000	EUR 400,000	EUR 450,000
Stock dividend		should be performed for each sub- class considering the	EUR 5m <= ADNA < EUR 10m	EUR 30,000	EUR 500,000	EUR 550,000
options		transactions executed on financial instruments belonging to the sub-class	EUR 10m <= ADNA < EUR 20m	EUR 100,000	EUR 1,000,000	EUR 1,500,000
			ADNA >= EUR 20m	EUR 150,000	EUR 2,000,000	EUR 2,500,000
Stock dividend futures/ forwards	<ul><li>a stock dividend future/forward sub-class is defined by the following segmentation criteria:</li><li>Segmentation criterion 1 - underlying share entitling to dividends</li></ul>	calculation of thresholds should be performed for each sub-	< EUR 5m ADNA	EUR 25,000	EUR 400,000	EUR 450,000

		class considering the transactions executed on financial	EUR 5m <= ADNA < EUR 10m	EUR 30,000	EUR 500,000	EUR 550,000
		the sub-class	EUR 10m <= ADNA < EUR 20m	EUR 100,000	EUR 1,000,000	EUR 1,500,000
			ADNA >= EUR 20m	EUR 150,000	EUR 2,000,000	EUR 2,500,000
	<ul> <li>a dividend index option sub-class is defined by the following segmentation criteria:</li> <li>Segmentation criterion 1 - underlying dividend index</li> </ul>	calculation of thresholds should be performed for each sub	< EUR 100m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,500,000
Dividend index options		class considering the transactions executed on financial	EUR 100m <= ADNA < EUR 200m	EUR 3,000,000	EUR 25,000,000	EUR 30,000,000
		instruments belonging to the sub-class	EUR 200m <= ADNA < EUR	EUR 5,500,000	EUR 50,000,000	EUR 55,000,000

			600m			
			ADNA >= EUR 600m	EUR 20,000,000	EUR 150,000,000	EUR 160,000,00 0
	<ul> <li>a dividend index future/forward sub-class is defined by the following segmentation criteria:</li> <li>Segmentation criterion 1 - underlying dividend index</li> </ul>		< EUR 100m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,500,000
Dividend		calculation of thresholds should be performed for each sub- class	EUR 100m <= ADNA < EUR 1bn	EUR 550,000	EUR 5,000,000	EUR 5,500,000
Dividend index futures/ forwards		considering the transactions executed on financial instruments	EUR 1bn <= ADNA < EUR 3bn	EUR 5,500,000	EUR 50,000,000	EUR 55,000,000
		belonging to the sub-class	EUR 3bn <= ADNA < EUR 5bn	EUR 20,000,000	EUR 150,000,000	EUR 160,000,00 0
			ADNA	EUR	EUR	EUR

			>= EUR 5bn	30,000,000	250,000,000	260,000,00 0
	<ul> <li>a volatility index option sub-class is defined by the following segmentation criteria:</li> <li>Segmentation criterion 1 - underlying volatility index</li> </ul>	calculation of	< EUR 100m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,500,000
Volatility index		thresholds should be performed for each sub- class considering the	EUR 100m <= ADNA < EUR 200m	EUR 3,000,000	EUR 25,000,000	EUR 30,000,000
options		transactions executed on financial instruments belonging to the sub-class	EUR 200m <= ADNA < EUR 600m	EUR 5,500,000	EUR 50,000,000	EUR 55,000,000
			ADNA >= EUR 600m	EUR 20,000,000	EUR 150,000,000	EUR 160,000,00 0
Volatility index futures/ forwards	<ul> <li>a volatility index future/forward sub-class is defined by the following segmentation criteria:</li> <li>Segmentation criterion 1 - underlying volatility index</li> </ul>	calculation of thresholds should be performed for each sub-	< EUR 100m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,500,000
		class considering	EUR	EUR	EUR	EUR

			the transactions executed on financial instruments	100m <= ADNA < EUR 1bn	550,000	5,000,000	5,500,000
			belonging to the sub-class	EUR 1bn <= ADNA < EUR 3bn	EUR 5,500,000	EUR 50,000,000	EUR 55,000,000
				EUR 3bn <= ADNA < EUR 5bn	EUR 20,000,000	EUR 150,000,000	EUR 160,000,00 0
				ADNA >= EUR 5bn	EUR 30,000,000	EUR 250,000,000	EUR 260,000,00 0
		an ETF option sub-class is defined by the following segmentation criteria: Segmentation criterion 1 - underlying ETF	calculation of thresholds should be performed	< EUR 5m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,250,000
opt	r ions		for each sub- class considering the transactions executed on	EUR 5m <= ADNA < EUR 10m	EUR 300,000	EUR 1,250,000	EUR 1,500,000

		financial instruments belonging to the sub-class	EUR 10m <= ADNA < EUR 20m	EUR 550,000	EUR 2,500,000	EUR 3,000,000
			ADNA >= EUR 20m	EUR 1,500,000	EUR 5,000,000	EUR 5,500,000
	<ul><li>an ETF future/forward sub-class is defined by the following segmentation criteria:</li><li>Segmentation criterion 1 - underlying ETF</li></ul>	calculation of	< EUR 5m ADNA	EUR 25,000	EUR 1,000,000	EUR 1,250,000
ETF futures/ forwards		should be performed for each sub- class considering the	EUR 5m <= ADNA < EUR 10m	EUR 300,000	EUR 1,250,000	EUR 1,500,000
		transactions executed on financial instruments belonging to the sub-class	EUR 10m <= ADNA < EUR 20m	EUR 550,000	EUR 2,500,000	EUR 3,000,000
			ADNA >= EUR 20m	EUR 1,500,000	EUR 5,000,000	EUR 5,500,000

Swaps	a swap sub-class is defined by t criteria: Segmentation criterion 1 - unc	he following segmentation lerlying type: single name, index, b	pasket	calculation of thresholds should be performed	EUR 50m <= ADNA < EUR 100m	EUR 300,000	EUR 1,250,000	EUR 1,500,000
	Segmentation criterion 2 - underlying single name, index, basket Segmentation criterion 3 - parameter: price return basic performance parameter, parameter return dividend, parameter return variance, parameter return volatility			class considering the transactions executed on financial instruments belonging to the sub-class	Ior each sub- classEUR 100m <= ADNA < transactionsthe transactionsADNA < EUR 200m	EUR 550,000	EUR 2,500,000	EUR 3,000,000
	<b>Segmentation criterion 4</b> - time to maturity bucket of the swap defined as follows:				ADNA >= EUR 200m	EUR 1,500,000	EUR 5,000,000	EUR 5,500,000
	Price return basic performance parameter	Parameter return variance/volatility	Parameter return dividend					
	<b>Maturity bucket 1:</b> $0 < \text{time}$ to maturity $\le 1$ month	<b>Maturity bucket 1:</b> $0 < \text{time to}$ maturity $\leq 3$ months	Maturity bucket 1: $0 < time to$ maturity $\leq 1$ year					
	Maturity bucket 2: 1 month < time to maturity $\leq$ 3 monthsMaturity bucket 2: 3 months < time to maturity $\leq$ 6 monthsMaturity bucket 2: 1 year < time to maturity							

			$\leq$ 2 years					
	<b>Maturity bucket 3:</b> 3 months $<$ time to maturity $\le 6$ months	<b>Maturity bucket 3:</b> 6 months $<$ time to maturity $\le 1$ year	Maturity bucket 3: 2 years < time to maturity ≤ 3 years					
	<b>Maturity bucket 4:</b> 6 months $<$ time to maturity $\le 1$ year	<b>Maturity bucket 4:</b> 1 year $<$ time to maturity $\leq 2$ years						
	<b>Maturity bucket 5:</b> 1 year $<$ time to maturity $\leq 2$ years	<b>Maturity bucket 5:</b> 2 years < time to maturity ≤ 3 years	Maturity bucket m: (n-1) years < time to maturity ≤ n years					
	Maturity bucket 6: 2 years < time to maturity ≤ 3 years							
		Maturity bucket m: (n-1) years < time to maturity $\leq$ n years						
	Maturity bucket m: $(n-1)$ years < time to maturity $\leq n$ years							
Portfolio	a portfolio swap sub-class is defined by a specific combination of:		calculation of	EUR	EUR	EUR	EUR	

Swaps	Segmentation criterion 1 - underlying type: single name, index, basket	thresholds should be performed for each sub- class	50m <= ADNA < EUR 100m	300,000	1,250,000
	Segmentation criterion 2 - underlying single name, index, basket Segmentation criterion 3 - parameter: price return basic performance parameter, parameter return dividend, parameter return variance, parameter	considering the transactions executed on financial instruments belonging to the sub-class	EUR 100m <= ADNA < EUR 200m	EUR 550,000	EUR 2,500,000
	<b>Segmentation criterion 4</b> - time to maturity bucket of the portfolio swap defined as follows:		ADNA = EUR 200m		EUR 5,000,000
	<b>Maturity bucket 1:</b> $0 < \text{time to maturity} \le 1 \text{ month}$				
	<b>Maturity bucket 2:</b> 1 month $<$ time to maturity $\leq$ 3 months				
	<b>Maturity bucket 3:</b> 3 months $<$ time to maturity $\le 6$ months				
	<b>Maturity bucket 4:</b> 6 months $<$ time to maturity $\le 1$ year				
	Maturity bucket 5: 1 year < time to maturity $\leq 2$ years				
	<b>Maturity bucket 6:</b> 2 years $<$ time to maturity $\leq$ 3 years				

1,500,000

EUR 3,000,000

EUR 5,500,000

Maturity bucket m: (	(n-1) years $<$ time to maturity $\le$ n years

Table 6.3
Equity derivatives - pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid marke

Asset class - Equity Derivatives							
Sub-asset class	Pre-trade and post-trade SSTI and LIS thresholds for the sub-classes determined not to have a liquid market						
	LIS pre-trade	SSTI post-trade	LIS post-trade				
	Threshold value	Threshold value					
Swaps	EUR 25,000	EUR 100,000	EUR 150,000				
Portfolio Swaps	EUR 25,000	EUR 100,000	EUR 150,000				
Other equity derivatives	EUR 25,000	EUR 100,000	EUR 150,000				

(5) in Section 7 "Commodity derivatives", Table 7.2 "Commodity derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market" and Table 7.3 "Commodity derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market" are replaced by the following:

'Table 7.2

Commodity derivatives - pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market

Asset class - Commodity Derivatives											
	Percentiles and three	Percentiles and threshold floors to be applied for the calculation of the pre-trade and post-trade SSTI and LIS thresholds for the sub- classes determined to have a liquid market									
Sub-asset class	Transactions to be	LIS p	re-trade		SSTI post-tra	de		LIS post-trac	le		
	calculations of the thresholds	Trade - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor		
Metal commodity futures/forwards	calculation of thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR 1,000,000		
Metal commodity options	calculation of thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR 1,000,000		

	instruments belonging to the sub-class								
Metal commodity swaps	calculation of thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR 1,000,000
Energy commodity futures/forwards	calculation of thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR 1,000,000
Energy	calculation of	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR

commodity options	thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial instruments belonging to the sub-class								1,000,000
Energy commodity swaps	calculation of thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR 1,000,000
Agricultural commodity futures/forwards	calculation of thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR 1,000,000

	instruments belonging to the sub-class								
Agricultural commodity options	calculation of thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR 1,000,000
Agricultural commodity swaps	calculation of thresholds should be performed for each sub-class of the sub- asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 500,000	80	60	EUR 750,000	90	70	EUR 1,000,000

 Table 7.3

 Commodity derivatives – pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market

Asset class - Commodity Derivatives									
	Pre-trade and post-trade SSTI and LIS thresholds for the sub-classes determined not to have a liquid market								
Sub-asset class	LIS pre-trade	SSTI post-trade	LIS post-trade						
	Threshold value	Threshold value	Threshold value						
Metal commodity futures/forwards	EUR 500,000	EUR 750,000	EUR 1,000,000						
Metal commodity options	EUR 500,000	EUR 750,000	EUR 1,000,000						
Metal commodity swaps	EUR 500,000	EUR 750,000	EUR 1,000,000						
Energy commodity futures/forwards	EUR 500,000	EUR 750,000	EUR 1,000,000						
Energy commodity options	EUR 500,000	EUR 750,000	EUR 1,000,000						
Energy commodity swaps	EUR 500,000	EUR 750,000	EUR 1,000,000						
Agricultural commodity futures/forwards	EUR 500,000	EUR 750,000	EUR 1,000,000						

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Agricultural commodity options	EUR 500,000	EUR 750,000	EUR 1,000,000		
Agricultural commodity swaps	EUR 500,000	EUR 750,000	EUR 1,000,000		
Other commodity derivatives	EUR 500,000	EUR 750,000	EUR 1,000,000		

(6) in Section 8 "Foreign exchange derivatives", Table 8.2 "Foreign exchange derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market" is replaced by the following:

'Table 8.2 Foreign exchange derivatives – pre-trade and pot-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market

Asset class - Foreign Exchange Derivatives								
	Pre-trade and post-trade SSTI and LIS thresholds for the sub-classes determined not to have a liquid market							
Sub-asset class	LIS pre-trade	LIS post-trade						
	Threshold value	Threshold value	Threshold value					
Non-deliverable forward (NDF)	EUR 5,000,000	EUR 20,000,000	EUR 25,000,000					
Deliverable forward (DF)	EUR 5,000,000	EUR 20,000,000	EUR 25,000,000					

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Non-Deliverable FX options (NDO)	EUR 5,000,000	EUR 20,000,000	EUR 25,000,000		
Deliverable FX options (DO)	Deliverable FX options (DO) EUR 5,000,000		EUR 25,000,000		
Non-Deliverable FX swaps (NDS)	EUR 5,000,000	EUR 20,000,000	EUR 25,000,000		
Deliverable FX swaps (DS)	EUR 5,000,000	EUR 20,000,000	EUR 25,000,000		
FX futures EUR 5,000,000		EUR 20,000,000	EUR 25,000,000		
Other Foreign Exchange Derivatives	EUR 5,000,000	EUR 20,000,000	EUR 25,000,000		

(7) in Section 9 "Credit derivatives", Table 9.2 "Credit derivatives – pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market" and Table 9.3 "Credit derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market" are replaced by the following:

<sup>c</sup>Table 9.2 Credit Derivatives – pre- and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market

	Asset class - Credit Derivatives							
Sub-asset	Percentiles and threshold floors to be applied for the calculation of the pre-trade and post-trade SSTI and LIS thresholds for the sub-							
class	classes determined to have a liquid market							

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	Transactions to be considered	LIS pr	LIS pre-trade		SSTI post-trade			LIS post-trade		
	for the calculations of the thresholds	Trade - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor	
Index credit default swap (CDS )	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 7,500,000	90	70	EUR 10,000,000	
Single name credit default swap (CDS )	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 7,500,000	90	70	EUR 10,000,000	
CDS index	calculation of thresholds should	70	EUR	80	60	EUR	90	70	EUR	

options	be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class		5,000,000			7,500,000			10,000,000
Single name CDS options	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub-class	70	EUR 5,000,000	80	60	EUR 7,500,000	90	70	EUR 10,000,000

Table 9.3Credit derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market

Asset class - Credit Derivatives							
	Pre-trade and post-trade SSTI and LIS thresholds for the sub-classes determined not to have a liquid m						
Sub-asset class	LIS pre-trade	SSTI post-trade	LIS post-trade				
	Threshold value	Threshold value	Threshold value				

Index credit default swap (CDS)	EUR 5,000,000	EUR 7,500,000	EUR 10,000,000
Single name credit default swap (CDS)	EUR 5,000,000	EUR 7,500,000	EUR 10,000,000
CDS index options	EUR 5,000,000	EUR 7,500,000	EUR 10,000,000
Single name CDS options	EUR 5,000,000	EUR 7,500,000	EUR 10,000,000
Other credit derivatives	EUR 5,000,000	EUR 7,500,000	EUR 10,000,000

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- (8) in Section 10 "C10 derivatives", Table 10.2 "C10 derivatives pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market" and Table 10.3 "C10 derivatives pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market" are replaced by the following:

<sup>c</sup>Table 10.2 C10 derivatives - pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market

Asset class - C10 Derivatives						
Sub-asset	Percentiles and threshold floors to be applied for the calculation of the pre-trade and post-trade SSTI and LIS thresholds for the sub-classes determined to have a liquid market					
(1455	Transactions to be considered for	LIS pre-trade	SSTI post-trade	LIS post-trade		

	the calculations of the thresholds	Trade - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor
Freight derivatives	calculation of thresholds should be performed for each sub-class of the sub-asset class considering the transactions executed on financial instruments belonging to the sub- class	70	EUR 50,000	80	60	EUR 75,000	90	70	EUR 100,000

Table 10.3C10 derivatives - pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market

Asset class - C10 Derivatives								
	Pre-trade and post-trade SSTI a	Pre-trade and post-trade SSTI and LIS thresholds for the sub-classes determined not to have a liquid market						
Sub-asset class	LIS pre-trade	SSTI post-trade	LIS post-trade					
	Threshold value	Threshold value	Threshold value					
Freight derivatives	EUR 50,000	EUR 75,000	EUR 100,000					
Other C10 derivatives	EUR 50,000	EUR 75,000	EUR 100,000					

(9) in Section 11 "Financial contracts for differences (CFDs)", Table 11.2 "CFDs- pre-trade and post-trade SSTI and LIS thresholds for subclasses determined to have a liquid market" and Table 11.3 "CFDs — pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market" are replaced by the following:

> 'Table 11.2 CFDs – pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market

	Asset class - Financial contracts for differences (CFDs)								
Percentiles and threshold floors to be applied for the calculation of the pre-trade and post-trade SSTI and LIS classes determined to have a liquid market						LIS threshold	ds for the sub-		
Sub-asset class	Transactions to	LIS p	re-trade		SSTI post-trade		LIS post-trade		
	the calculations of the thresholds	Trade - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor	Trade - percentile	Volume - percentile	Threshold floor
Currency CFDs	transactions executed on currency CFDs considered to have a liquid market as per Articles 6 and 8(1)(b)	70	EUR 60,000	80	60	EUR 90,000	90	70	EUR 100,000
Commodity CFDs	transactions executed on commodity CFDs considered to have a liquid market as per Articles 6 and	70	EUR 60,000	80	60	EUR 90,000	90	70	EUR 100,000

	8(1)(b)								
Equity CFDs	transactions executed on equity CFDs considered to have a liquid market as per Articles 6 and 8(1)(b)	70	EUR 60,000	80	60	EUR 90,000	90	70	EUR 100,000
Bond CFDs	transactions executed on equity CFDs considered to have a liquid market as per Articles 6 and 8(1)(b)	70	EUR 60,000	80	60	EUR 90,000	90	70	EUR 100,000
CFDs on an equity future/forward	transactions executed on CFDs on future on an equity considered to have a liquid market as per Articles 6 and 8(1)(b)	70	EUR 60,000	80	60	EUR 90,000	90	70	EUR 100,000
CFDs on an equity option	transactions executed on CFDs on option on an equity considered to have a liquid	70	EUR 60,000	80	60	EUR 90,000	90	70	EUR 100,000

mar Arti 8(1)	ket as per cles 6 and (b)				
8(1)	(b)				

 Table 11.3

 CFDs – pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market

Asset class - Financial contracts for differences (CFDs)							
	Pre-trade and post-trade SSTI and LIS thresholds for the sub-classes determined not to have a liquid market						
Sub-asset class	LIS pre-trade	SSTI post-trade	LIS post-trade				
	Threshold value	Threshold value	Threshold value				
Currency CFDs	EUR 60,000	EUR 90,000	EUR 100,000				
Commodity CFDs	EUR 60,000	EUR 90,000	EUR 100,000				
Equity CFDs	EUR 60,000	EUR 90,000	EUR 100,000				
Bond CFDs	EUR 60,000	EUR 90,000	EUR 100,000				
CFDs on an equity future/forward	EUR 60,000	EUR 90,000	EUR 100,000				

CFDs on an equity option	EUR 60,000	EUR 90,000	EUR 100,000
Other CFDs/ spread betting	EUR 60,000	EUR 90,000	EUR 100,000

(10) Section 12 "Emission allowances" is replaced by the following:

#### **'12. Emission allowances**

Table 12.1Emission allowances — classes not having a liquid market

Asset class — Emission allowances					
For the purpose of determining the sub-asset classes not having a liquid market as per Article 6a the following methodology shall apply:					
Sub-asset class	Liquidity determination				
European Union Allowances (EUA) any unit recognised for compliance with the requirements of Directive 2003/87/EC of the European Parliament and of the Council <sup>4</sup> (Emissions Trading Scheme) which represents the right to emit the equivalent to 1 tonne of carbon dioxide equivalent (tCO2e) RTS2#3 = EMAL and RTS23#37 = EUAE	European Union Allowances (EUA) are considered to have a liquid market				

<sup>&</sup>lt;sup>4</sup> Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emission allowance trading within the Community and amending Council Directive 96/61/EC (OJ L 275, 25.10.2003, p. 32, ELI: http://data.europa.eu/eli/dir/2003/87/oj).

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Any other emission allowances	Any other emission allowances are considered not to have a liquid market
RTS2#3 = EMAL and RTS23#37 <> EUAE	

## Table 12.2Emission allowances — pre-trade LIS threshold and post-trade size threshold

Asset class — Emission allowances						
Sub-asset class	Post-trade size threshold					
European Union Allowances (EUA)	5 000 tons of Carbon Dioxide Equivalent	25 000 tons of Carbon Dioxide Equivalent				
Any other emission allowances	Any size	Any size				

(11) in Section 13 "Emission allowance derivatives", Table 13.2 "Emission allowance derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-asset classes determined to have a liquid market" and Table 13.3 "Emission allowance derivatives — pre-trade and post-trade SSTI and LIS thresholds for sub-asset classes determined not to have a liquid market" are replaced by the following:

'Table 13.2 Emission allowance derivatives – pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined to have a liquid market

Asset class - Emission Allowance Derivatives						
Sub-asset class	Transactions to be considered for the	Percentiles and threshold floors to be applied for the calculation of the pre-trade and post-trade SSTI and LIS thresholds for the sub-asset classes determined to have a liquid market				

	calculation of the thresholds	LIS pre-trade SSTI post-trade		LIS post-trade			
		Trade - percentile	Threshold floor	Trade - percentile	Threshold floor	Trade - percentile	Threshold floor
Emission allowance derivatives whose underlying is of the type European Union Allowances (EUA)	transactions executed on all emission allowance derivatives whose underlying is of the type European Union Allowances (EUA)	70	50,000 tons of Carbon Dioxide	80	90,000 tons of Carbon Dioxide	90	100,000 tons of Carbon Dioxide
Emission allowance derivatives whose underlying is of the type European Union Aviation Allowances (EUAA)	transactions executed on all emission allowance derivatives whose underlying is of the type European Union Aviation Allowances (EUAA)	70	25,000 tons of Carbon Dioxide	80	40,000 tons of Carbon Dioxide	90	50,000 tons of Carbon Dioxide
Emission allowance derivatives whose underlying is of the type Certified Emission Reductions (CER)	transactions executed on all emission allowance derivatives whose underlying is of the type Certified Emission Reductions (CER)	70	25,000 tons of Carbon Dioxide	80	40,000 tons of Carbon Dioxide	90	50,000 tons of Carbon Dioxide

Emission allowance derivatives whose underlying is of the type Emission Reduction Units (ERU)	transactions executed on all emission allowance derivatives whose underlying is of the type Emission Reduction Units (ERU)	70	25,000 tons of Carbon Dioxide	80	40,000 tons of Carbon Dioxide	90	50,000 tons of Carbon Dioxide
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 Table 13.3

 Emission allowance derivatives – pre-trade and post-trade SSTI and LIS thresholds for sub-classes determined not to have a liquid market

Asset class - Emission Allowance Derivatives					
	Pre-trade and post-trade SSTI and LIS thresholds for the sub-asset classes determined not to have a liquid market				
Sub-asset class	LIS pre-trade	SSTI post-trade	LIS post-trade		
	Threshold value	Threshold value	Threshold value		
Emission allowance derivatives whose underlying is of the type European Union Allowances (EUA)	50,000 tons of Carbon Dioxide	90,000 tons of Carbon Dioxide	100,000 tons of Carbon Dioxide		
Emission allowance derivatives whose underlying is of the type European Union Aviation Allowances (EUAA)	25,000 tons of Carbon Dioxide	40,000 tons of Carbon Dioxide	50,000 tons of Carbon Dioxide		

Emission allowance derivatives whose underlying is of the type Certified Emission Reductions (CER)	25,000 tons of Carbon Dioxide	40,000 tons of Carbon Dioxide	50,000 tons of Carbon Dioxide
Emission allowance derivatives whose underlying is of the type Emission Reduction Units (ERU)	25,000 tons of Carbon Dioxide	40,000 tons of Carbon Dioxide	50,000 tons of Carbon Dioxide
Other Emission allowance derivatives	25,000 tons of Carbon Dioxide	40,000 tons of Carbon Dioxide	50,000 tons of Carbon Dioxide

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### ANNEX IV

Annex I to Delegated Regulation (EU) 2017/587 is amended as follows:

(1) in Table 1, the first row is replaced by the following:

Row	Type of trading system	Description of the trading system	Information to be made public
1	Continuous order book trading system	A system that by means of an order book and a trading algorithm operated without human intervention matches sell orders with buy orders on the basis of the best available price on a continuous basis.	The aggregate number of orders and the shares, depositary receipts, ETFs, certificates and other similar financial instruments that they represent at each price level for at least the five best bid and offer price levels.

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(2) the following Tables 1a and 1b are inserted:

*'Table 1a* Symbol table for Table 1b

Symbol	Data type	Definition	
{ALPHANUM-n}	Up to n alphanumerical characters	Free text field.	
{CURRENCYCODE_3}	3 alphanumerical characters	3-letter currency code, as specified by ISO 4217 currency codes	
{DATE_TIME_ FORMAT}	ISO 8601 date and time format	e Date and time in the following format: YYYY-MM-DDThh:mm:ss.ddddddZ. — 'YYYY' is the year;	
		— 'MM' is the month;	
		— 'DD' is the day;	
		— 'T' — means that the letter 'T' shall be used	
		— 'hh' is the hour;	
		— 'mm' is the minute;	
		— 'ss.dddddd' is the second and its fraction of a second;	
		— Z is UTC time. Dates and times shall be reported in UTC.	
{DECIMAL-n/m}	Decimal number of up to n digits in total of which up to m digits can be	Numerical field for both positive and negative values. — decimal separator is '.' (full stop); — negative numbers are prefixed	

	fraction digits	with '-' (minus); Where applicable, value shall be rounded and not truncated.	
{ISIN}	12 alphanumerical characters	ISIN code, as specified in ISO 6166	
{MIC}	4 alphanumerical characters	Market identifier as specified in ISO 10383	
{LEI}	20 alphanumerical characters	Legal entity identifier as specified in ISO 17442	

# Table 1b List of details for the purpose of pre-trade transparency

#	Field identifier	Description and details to be published	Format to be populated as specified in Table 2
1	Update date and time	For non-aggregated orders or quotes as referred to in Table 1, the date and time when the order or quote was received for execution, cancelled or modified into the trading system.	{DATE_TIME_FORMAT}
		For aggregated orders or quotes as referred to in Table 1, the date and time when the aggregated bid price (Field 5) or volume (Field 8) or the aggregated offer price (Field 5) or volume (Field 8) was calculated following the receipt of an order for execution, cancellation, or modification into the trading system, or following an execution.	
		For periodic auction trading systems as referred to in Table 1, the date and time at which the price would best satisfy the trading algorithm and any modification of the price (field 5) or quantity (field 8) thereafter.	
		The level of granularity shall be in accordance with the requirements set out in Article 12 of Delegated Regulation (EU) 2025/XXX [PO please insert reference to Commission Delegated Regulation (EU) xx/xx supplementing Regulation (EU) No 600/2014 of the European Parliament and of the Council with regard to regulatory technical standards on input and output data of consolidated tapes, the revenue redistribution scheme, and synchronisation of business clocks, and repealing Delegated Regulation (EU) 2017/574 - $C(2025)$ 3102].	
2	Instrument identification	Code used to identify the financial instrument.	{ISIN}

#	Field identifier	Description and details to be published	Format to be populated as specified in Table 2
	code		
3	Side	The side of the order or quote. For periodic auction trading system, this field is not mandatory.	'BUYI' or 'SELL'
4	Market Maker	For quote-driven trading system the identification of the market maker.	{LEI}
5	Price	The price of orders and quotes as required under Table 1 and excluding, where applicable, commission and accrued interest. For periodic auction trading system as referred to in Table 1, the price at which the auction trading system would best satisfy its trading algorithm. Where the price is reported in monetary terms, it shall be provided in the major currency unit. Where the price is not available but pending ("PNDG") or not applicable ("NOAP"), this field shall not be populated.	{DECIMAL-18/13} when the price is expressed as monetary value in the case of equity and equity-like financial instruments {DECIMAL-11/10} when the price is expressed as percentage or yield in the case of certificates and other equity-like financial instruments {DECIMAL-18/17} when the price is expressed as percentage, yield or basis points in the case of certificates and other equity- like financial instruments
6	Price currency	Major currency unit in which the price (Field 5) is expressed (applicable where the price is expressed as monetary value).	{CURRENCYCODE_3}
7	Price notation	Indication as to whether the price (Field 5) is expressed in monetary value, in percentage or in yield.	'MONE' — Monetary value in the case of equity and equity-like financial instruments 'PERC' — Percentage in n the case of certificates and other equity-like financial instruments 'YIEL' — Yield in the case of certificates and other equity-like financial instruments 'BAPO' — Basis points in the case of certificates and

#	Field identifier	Description and details to be published	Format to be populated as specified in Table 2
			other equity-like financial instruments
8	Quantity	Number of units of the financial instruments attached to the quotes or orders as required under Table 1. Where the quantity is not traded in units, the nominal or monetary value of the financial instrument shall be provided in the major currency unit. For periodic auction trading systems as referred to in Table 1, the aggregated quantity attached to the price that would best satisfy the trading algorithm.	{DECIMAL-18/17} in case the quantity is expressed as number of units in the case of equity and equity-like financial instruments {DECIMAL-18/5} in case the quantity is expressed as monetary or nominal value in the case of certificates and other equity-like financial instruments.
9	Quantity currency	Major currency in which the quantity (Field 8) is expressed. The major currency unit shall be provided. This field shall be populated where the quantity is not traded in units and is expressed as a nominal or monetary value. Otherwise, this field shall be left blank.	{CURRENCYCODE_3}
10	Aggregated number of orders and quotes	The number of aggregated orders or quotes from members or participants where aggregated information is required under Table 1.	{DECIMAL-18/0}
11	Venue	Identification of the trading venue through the system of which orders and quotes are advertised. Use the ISO 10383 segment MIC or, where the segment MIC does not exist, the operating MIC.	{MIC}
12	Trading system	Type of trading system where the order or quote is advertised	'CLOB' central limit order book trading systems. A continuous order book trading system as referred to in Table 1 of Annex I, and a trading system combining elements of a continuous order book trading as referred to in Table 1 of Annex I and of a periodic auction trading system as referred to in Table 1 of Annex I. 'QDTS' quote driven

#	Field identifier	Description and details to be published	Format to be populated as specified in Table 2
			trading systems as referred to in Table 1 of Annex I.
			'PATS' periodic auction trading systems as referred to in Table 1 of Annex I.
			'RFQT' request for quote trading systems as referred to in Table 1 of Annex I.
			'HYBR' hybrid trading systems as referred to. in Table 1 of Annex I. A trading system combining elements of a continuous order book trading as referred to in Table 1 of Annex I and of a periodic auction trading system as referred to in Table 1 of Annex I shall not be considered a hybrid system but a CLOB.
			'OTHR' for any other trading system as referred to in Table 1 of Annex I.
13	Trading system phase	Type of trading system phase where the order or quote is advertised	'UDUC' - Undefined Auction
			'SOAU' - Scheduled Opening Auction
			'SCAU' - Scheduled Closing Auction
			'SIAU' - Scheduled Intraday Auction
			'UAUC' - Unscheduled Auction
			'ODAU' - On Demand Auction (Frequent Batch Auction)
			'COTR' - Continuous Trading
			'MACT' - At Market Close Trading
			'OMST' - Out of Main Session Trading
			'OTSP' - Other

#	Field identifier	Description and details to be published	Format to be populated as specified in Table 2
14	Publication date and time	Date and time when the information was published by the trading venue. The level of granularity shall be in accordance with the requirements set out in Article 12 of Delegated Regulation (EU) 2025/XXX [PO: please insert reference to Commission Delegated Regulation (EU) xx/xx supplementing Regulation (EU) No 600/2014 of the European Parliament and of the Council with regard to regulatory technical standards on input and output data of consolidated tapes, the revenue redistribution scheme, and synchronisation of business clocks, and repealing Delegated Regulation (EU) 2017/574 - $C(2025)$ 3102].	{DATE_TIME_FORMAT}

### (3) Tables 3 and 4 are replaced by the following:

### *`Table 3* **List of details for the purpose of post-trade transparency**

Field num	Field identifier	Description and details to be published	Type of execution or publication venue	Format to be populated as specified in Table 2
1	Trading date and time	Date and time when the transaction was executed. For transactions executed on a trading venue, the level of granularity shall be in accordance with the requirements set out in Article 12 of Delegated Regulation (EU) 2025/XXX [PO please insert reference to Commission Delegated Regulation (EU) XX/XX supplementing Regulation (EU) No 600/2014 of the European Parliament and of the Council with regard to regulatory technical standards on input and output data of consolidated tapes, the revenue redistribution scheme, and synchronisation of business clocks, and	Regulated Market (RM), Multilateral Trading Facility (MTF), Organised Trading Facility (OTF) Approved Publication Arrangement (APA)	{DATE_TIME_FORMAT}

Field num	Field identifier	Description and details to be published	Type of execution or publication venue	Format to be populated as specified in Table 2
		repealing Delegated Regulation (EU) $2017/574 - C(2025) 3102$ ]. For transactions not executed on a trading venue, the date and time when the parties agree on the content of the following fields: quantity, price, currencies, as specified in fields 31, 34 and 44 of Table 2 of Annex I to Delegated Regulation (EU) 2017/590, instrument identification code, instrument classification and underlying instrument code, where applicable. For transactions not executed on a trading venue the time reported shall be granular to at least the nearest second. Where the transaction results from an order transmitted by the executing firm on behalf of a client to a third party where the conditions for transmission set out in Article 4 of Delegated Regulation (EU) 2017/590 were not satisfied, the date and time of the transaction rather than the time of the order transmission.		
2	Instrument identification code	Code used to identify the financial instrument	RM, MTF, APA	{ISIN}
3	Price	Traded price of the transaction excluding, where applicable, commission and accrued interest. Where the price is reported in monetary terms, it shall be provided in the major currency unit. Where the price is not available but pending ("PNDG") or not applicable	RM, MTF, APA	{DECIMAL-18/13} in case the price is expressed as monetary value {DECIMAL-11/10} in case the price is expressed as percentage or yield {DECIMAL-18/17} when the price is expressed as basis points in the case of certificates and other equity-like financial
Field num	Field identifier	Description and details to be published	Type of execution or publication venue	Format to be populated as specified in Table 2
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		("NOAP"), this field shall not be populated.		instruments
4	Missing Price	Where the price is not available but pending, the	RM, MTF APA	'PNDG' in case the price is not available
		Where the price is not applicable, the value shall be "NOAP".		'NOAP' in case the price is not applicable
5	Price currency	Major currency unit in which the price is expressed (applicable where the price is expressed as monetary value).	RM, MTF APA	{CURRENCYCODE_3}
6	Price notation	Indication as to whether the price is expressed in monetary	RM, MTF APA	'MONE' — Monetary value
		value, in percentage, or ir yield.		in the case of equity and equity-like financial instruments
				'PERC' — Percentage
				in the case of certificates and other equity-like financial instruments
				'YIEL' — Yield
				in the case of certificates and other equity-like financial instruments
				'BAPO' — Basis points
				in the case of certificates and other equity-like financial instruments
7	Quantity	Number of units of the financial instruments.	RM, MTF, APA	{DECIMAL-18/17} in case the quantity is expressed as number of units
		The nominal or monetary value of the financial instrument.		{DECIMAL-18/5} in case the quantity is expressed as monetary or nominal value
8	Venue of execution	Identification of the venue where the transaction was executed.	RM, MTF, APA	{MIC} – EU trading venues or 'SINT' – systematic
		Use the ISO 10383 segment MIC for transactions executed on an EU trading venue		internaliser 'XOFF' — otherwise

Field num	Field identifier	Description and details to be published	Type of execution or publication venue	Format to be populated as specified in Table 2
		Where the segment MIC does not exist, use the operating MIC. Use "SINT" for financial instruments admitted to trading or traded on a trading venue, where the transaction on that financial instrument is executed on a Systematic Internaliser		
		Use MIC code "XOFF" for financial instruments admitted to trading or traded on a trading venue, where the transaction on that financial instrument is neither executed on an EU trading venue nor executed on a systematic internaliser. Where the transaction is executed on an organised trading platform outside of the Union, the population of the field "Third- country trading venue of execution" shall be required, in addition to the MIC code "XOFF".		
9	Third-country trading venue of execution	Identification of the third- country trading venue where the transaction was executed. Use the ISO 10383 segment MIC. Where the segment MIC does not exist, use the operating MIC. Where the transaction is not executed on a third-country trading venue, this field shall not be populated.	АРА	{MIC}
10	Trading system	Type of trading system on which the transaction was executed. Where the field 'Venue of execution' is populated with "SINT" or "XOFF", this field shall not be populated.	RM, MTF	'CLOB' central limit order book trading systems. A continuous order book trading system as referred to in Table 1 of Annex I and a trading system combining elements of a continuous order book

Field num	Field identifier	Description and details to be published	Type of execution or publication venue	Format to be populated as specified in Table 2
				trading as referred to in Table 1 of Annex I and of a periodic auction trading system as referred to in Table 1 of Annex I.
				'QDTS' quote driven trading systems as referred to in Table 1 of Annex I.
				'PATS' periodic auction trading systems as referred to in Table 1 of Annex I.
				'RFQT' request for quote trading systems as referred to in Table 1 of Annex I.
				'HYBR' hybrid trading systems as referred to in Table 1 of Annex I. A trading system combining elements of a continuous order book trading as referred to in Table 1 of Annex I and of a periodic auction trading system as referred to in Table 1 of Annex I shall not be considered a hybrid system but a CLOB. 'OTHR' for any other trading system as referred to in Table 1 of Annex I.
11	Publication date and time	Date and time when the transaction was published by a trading venue or APA. For transactions executed on a trading venue, the level of granularity shall be in accordance with the requirements set out in Article 12 of Delegated Regulation (EU) 2025/XXX [PO: please insert reference to Commission Delegated Regulation (EU) xx/xx supplementing Regulation (EU) No 600/2014 of the	RM, MTF, APA	{DATE_TIME_FORMAT}
		European Parliament and of the Council with regard to		

Field num	Field identifier	Description and details to be published	Type of execution or publication venue	Format to be populated as specified in Table 2
		regulatory technical standards on input and output data of consolidated tapes, the revenue redistribution scheme, and synchronisation of business clocks, and repealing Delegated Regulation (EU) 2017/574 - C(2025) 3102].		
		For transactions not executed on a trading venue, the date and time shall be granular to at least the nearest second.		
12	Venue of Publication	Code used to identify the trading venue or APA publishing the transaction.	RM, MTF, APA	{MIC}
13	Transaction identification code	Alphanumerical code assigned by trading venues (pursuant to Article 12 of Delegated Regulation (EU) 2017/580) and APAs and used in any subsequent reference to the specific trade. The transaction identification code shall be unique, consistent and persistent per ISO 10383 segment MIC and per trading day. Where the trading venue does not use segment MICs, the transaction identification code shall be unique, consistent and persistent per operating MIC per trading day. Where the APA does not use MICs, the transaction identification code shall be unique, consistent and persistent per operating MIC per trading day. Where the APA does not use MICs, the transaction identification code shall be unique, consistent and persistent per 4-character code used to identify the APA per trading day. The components of the transaction identification code	RM, MTF, APA	{ALPHANUM-52}
		shall not disclose the identity of the counterparties to the transaction for which the code		

Field num	Field identifier	Description and details to be published	Type of execution or publication venue	Format to be populated as specified in Table 2
		is maintained.		
14	Flags	One or multiple fields shall be populated with the applicable flags referred to in Table 4 of Annex I. Where none of the specified circumstances apply, the transaction shall be published without a flag. Where a combination of flags is possible and reported in one field, the flags shall be reported separated by commas	RM, MTF, APA	As per Table 4 of Annex I

Table 4
List of flags for the purpose of post-trade transparency

Flag	Name	Type of execution or publication venue	Description
'BENC'	Benchmark transactions flag	RM, MTF APA	Transactions executed in reference to a price that is calculated over multiple time instances according to a given benchmark, such as volume- weighted average price or time- weighted average price.
'NPFT'	Non-price forming transactions flag	RM, MTF	Non-price forming transactions as set out in Article 2(5) of Delegated Regulation (EU) 2017/590.
'PORT'	Portfolio transactions flag	RM, MTF APA	Transactions in five or more different financial instruments where those transactions are traded at the same time by the same client and as a single lot against a specific reference price.
'CONT'	Contingent transactions flag	RM, MTF APA	Transactions that are contingent on the purchase, sale, creation or redemption of a derivative contract or other financial instrument where all the components of the trade are meant to be executed as a single lot.
'SDIV'	Special dividend	RM, MTF	Transactions that are either: executed

Flag	Name	Type of execution or publication venue	Description
	transaction flag	АРА	during the ex-dividend period where the dividend or other form of distribution accrues to the buyer instead of the seller; or executed during the cum-dividend period where the dividend or other form of distribution accrues to the seller instead of the buyer.
'LRGS'	Post-trade large in scale transaction flag	RM, MTF APA	Transactions that are large in scale compared with normal market size for which deferred publication is permitted under Article 15.
'RFPT'	Reference price transaction flag	RM, MTF	Transactions which are executed under systems operating in accordance with Article 4(1), point (a), of Regulation (EU) No 600/2014.
'NLIQ'	Negotiated transaction in liquid financial instruments flag	RM, MTF	Transactions executed in accordance with Article 4(1), point (b)(i), of Regulation (EU) No 600/2014.
'OILQ'	Negotiated transaction in illiquid financial instruments flag	RM, MTF	Transactions executed in accordance with Article 4(1), point (b)(ii), of Regulation (EU) No 600/2014.
'PRIC'	Negotiated transaction subject to conditions other than the current market price flag	RM, MTF	Transactions executed in accordance with Article 4(1), point (b)(iii), of Regulation (EU) No 600/2014 and as set out in Article 6 of this Regulation.
'ALGO'	Algorithmic transaction flag	RM, MTF	Transactions executed as a result of an investment firm engaging in algorithmic trading as defined in Article 4(1), point (39), of Directive 2014/65/EU.
'CANC'	Cancellation flag	RM, MTF APA	Where a previously published transaction is cancelled
'AMND'	Amendment flag	RM, MTF APA	Where a previously published transaction is amended

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## ANNEX V

Annex II to Delegated Regulation (EU) 2017/587 is amended as follows:

(1) Table 3 is replaced by the following:

Average value of transactions (AVT) in EUR	AVT bucket [0- 10000)	AVT bucket [10000- 12000)	AVT bucket [12000- 14000)	AVT bucket [14000- 16000)	AVT bucket [16000- 18000)	AVT bucket [18000- 20000)	AVT bucket [20000- 40000)	AVT bucket [40000- 60000)	Etc.	
Standard market size	5,000	11,000	13,000	15,000	17,000	19,000	30,000	50,000	Etc.	

*`Table 3* Standard market sizes for shares and depositary receipts

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(2) the following Table 3a is inserted:

*'Table 3a* Standard market sizes for ETFs, certificates and other similar financial instruments

Average value of transaction s (AVT) in EUR	AVT bucke t [0- 10000)	AVT bucket [10000 - 15000)	AVT bucket [15000 - 20000)	AVT bucket [20000 - 25000)	AVT bucket [25000 - 30000)	AVT bucket [30000 - 35000)	AVT bucket [35000 - 40000)	AVT bucket [40000 - 60000)	Etc	
Standard market size	5,000	12,500	17,500	22,500	27,500	32,500	37,500	50,000	Etc.	

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